Fig. 1

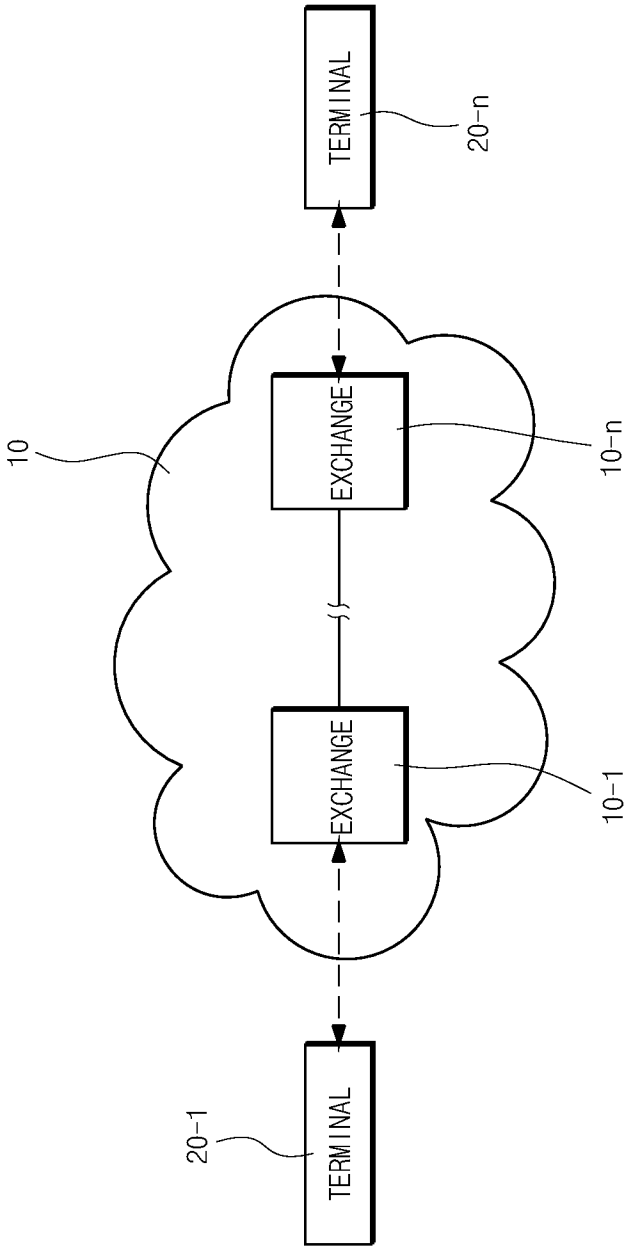


Fig. 2

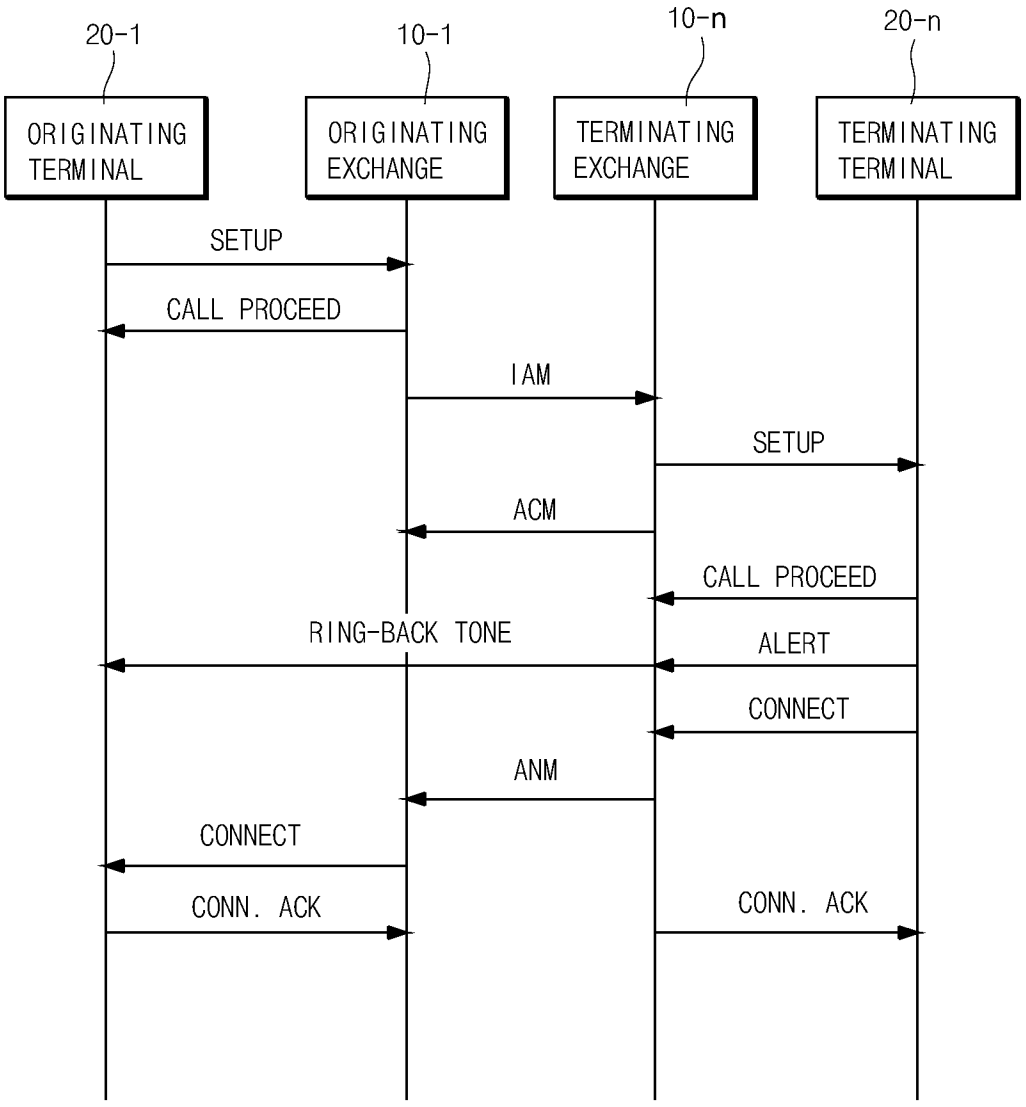

20-1
10-1
10-n
20-n
ORIGINATING TERMINAL
ORIGINATING EXCHANGE
TERMINATING EXCHANGE
TERMINATING TERMINAL
SETUP
CALL PROCEED
IAM
SETUP
ACM
CALL PROCEED
RING-BACK TONE
ALERT
CONNECT
ANM
CONNECT
CONN. ACK
CONN. ACK

Fig. 3

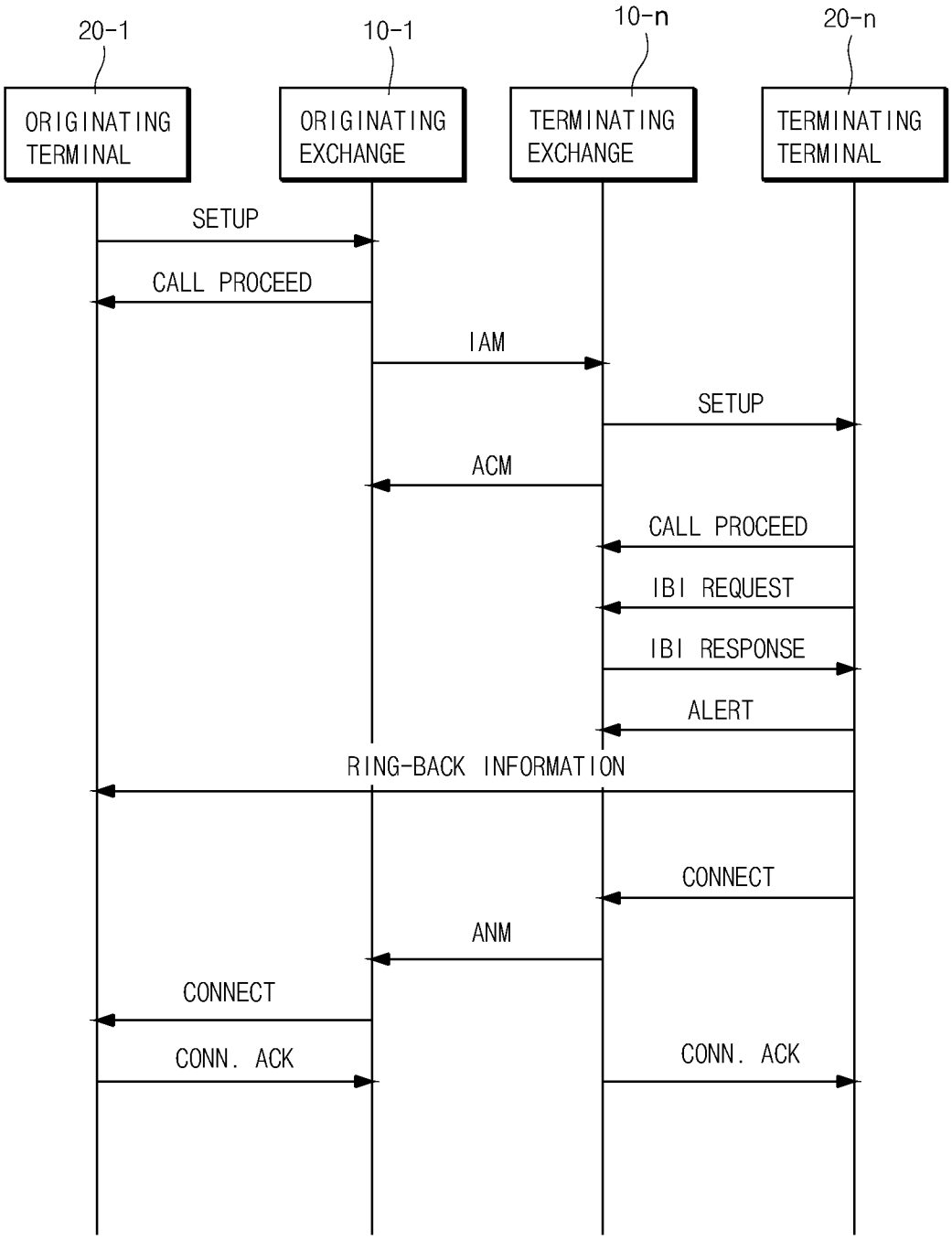

20-1
10-1
10-n
20-n
ORIGINATING TERMINAL
ORIGINATING EXCHANGE
TERMINATING EXCHANGE
TERMINATING TERMINAL
SETUP
CALL PROCEED
IAM
SETUP
ACM
CALL PROCEED
IBI REQUEST
IBI RESPONSE
ALERT
RING-BACK INFORMATION
CONNECT
ANM
CONNECT
CONN. ACK
CONN. ACK

Fig. 4a

7	6	5	4	3	2	1	0	Octet
PROTOCOL DISCRIMINATOR								1
CALL REFERENCE NUMBER								2-4
MESSAGE TYPE								5
IBI REQUEST INDICATOR : ELEMENT IDENTIFIER								6
LENGTH INDICATOR								7
IBI REQUEST INFORMATION								8~

Fig. 4b

7	6	5	4	3	2	1	0	Octet
PROTOCOL DISCRIMINATOR								1
CALL REFERENCE NUMBER								2-4
MESSAGE TYPE								5
IBI RESPONSE INDICATOR : ELEMENT IDENTIFIER								6
LENGTH INDICATOR								7
IBI RESPONSE INFORMATION								8~m
DISPLAY								m+1~

Fig. 5

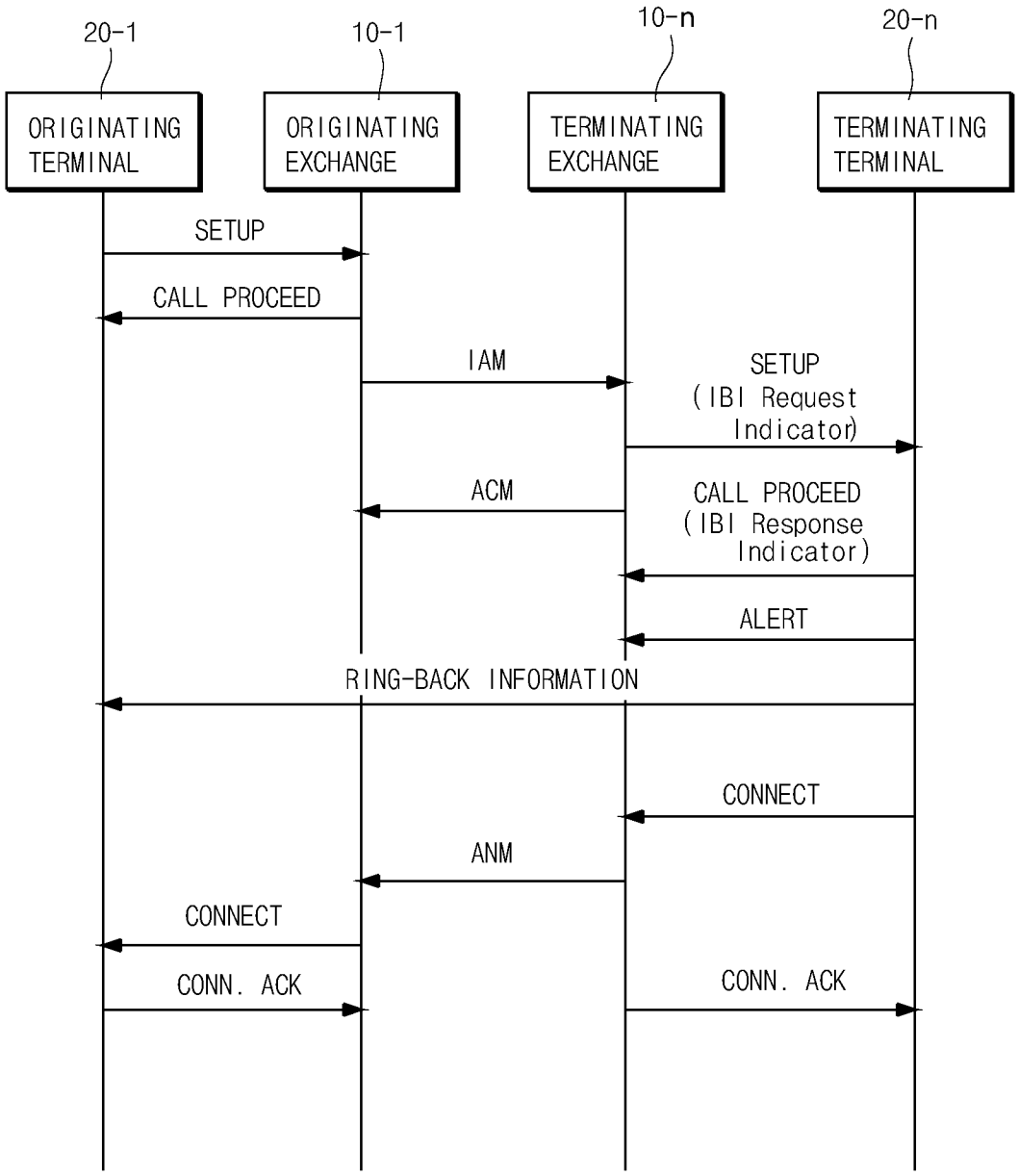

20-1
10-1
10-n
20-n
ORIGINATING TERMINAL
ORIGINATING EXCHANGE
TERMINATING EXCHANGE
TERMINATING TERMINAL
SETUP
CALL PROCEED
IAM
SETUP (IBI Request Indicator)
ACM
CALL PROCEED (IBI Response Indicator)
ALERT
RING-BACK INFORMATION
CONNECT
ANM
CONNECT
CONN. ACK
CONN. ACK

Fig. 6a

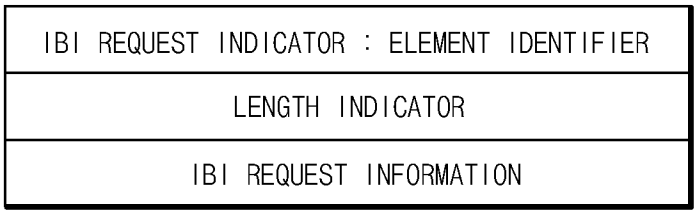

IBI REQUEST INDICATOR : ELEMENT IDENTIFIER
LENGTH INDICATOR
IBI REQUEST INFORMATION

Fig. 6b

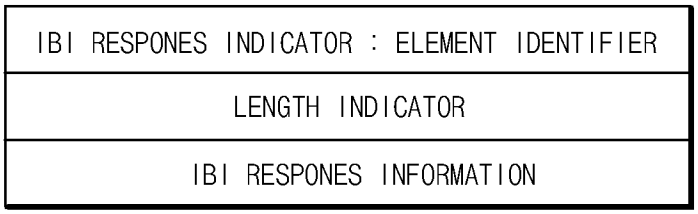

IBI RESPONES INDICATOR : ELEMENT IDENTIFIER
LENGTH INDICATOR
IBI RESPONES INFORMATION

Fig. 7

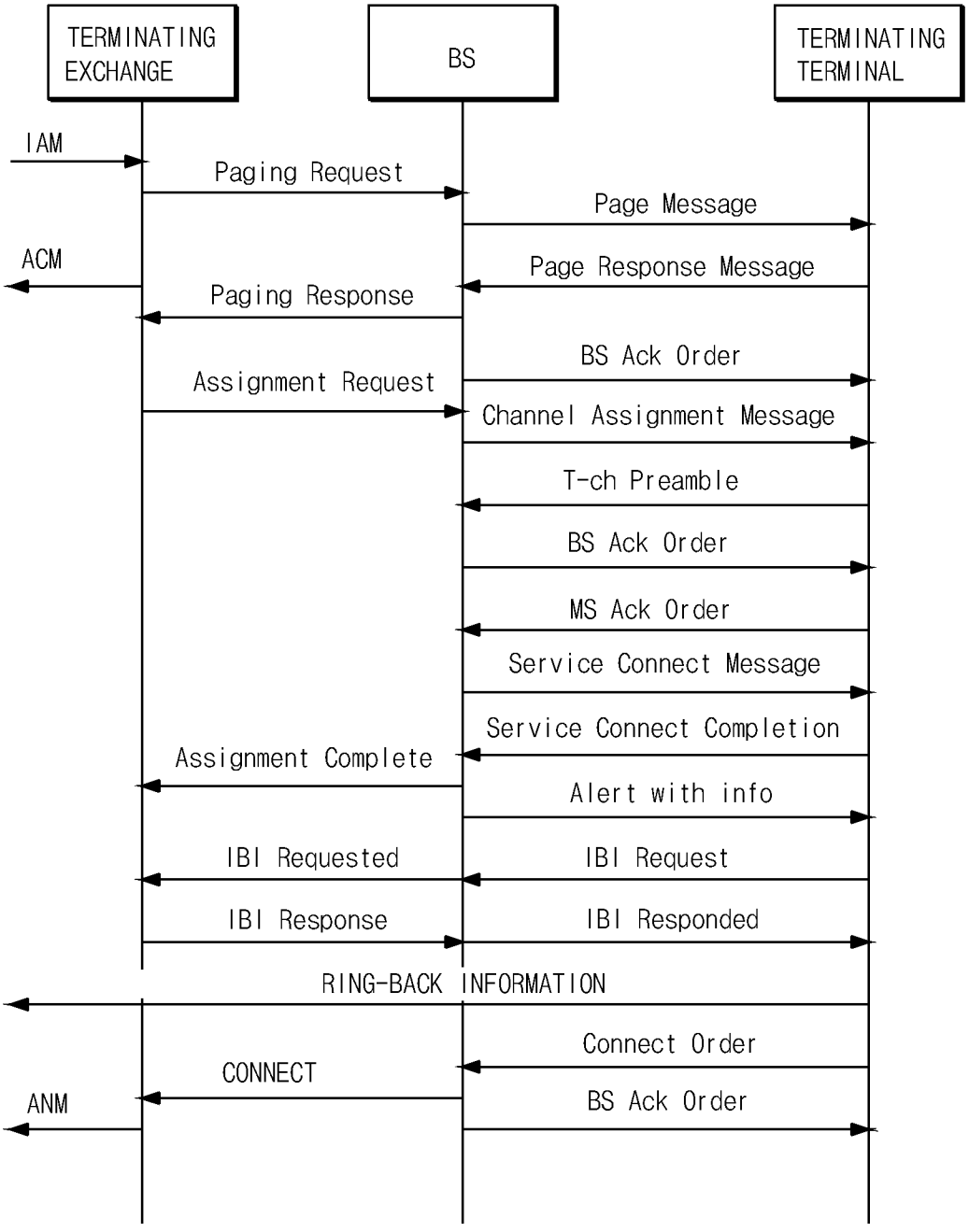

TERMINATING EXCHANGE
BS
TERMINATING TERMINAL
IAM
Paging Request
Page Message
ACM
Page Response Message
Paging Response
BS Ack Order
Assignment Request
Channel Assignment Message
T-ch Preamble
BS Ack Order
MS Ack Order
Service Connect Message
Service Connect Completion
Assignment Complete
Alert with info
IBI Requested
IBI Request
IBI Response
IBI Responded
RING-BACK INFORMATION
Connect Order
CONNECT
ANM
BS Ack Order

Fig. 8a

7	6	5	4	3	2	1	0	Octet
MESSAGE TYPE								1
IBI REQUEST INDICATOR : ELEMENT IDENTIFIER								2
LENGTH INDICATOR								3
IBI REQUEST INFORMATION								4~

Fig. 8b

7	6	5	4	3	2	1	0	Octet
MESSAGE DISCRIMINATOR								1
MESSAGE LENGTH								2
MESSAGE TYPE								3
IBI REQUEST INDICATOR : ELEMENT IDENTIFIER								4
LENGTH INDICATOR								5
IBI REQUEST INFORMATION								6~

Fig. 8c

7	6	5	4	3	2	1	0	Octet
MESSAGE DISCRIMINATOR								1
MESSAGE LENGTH								2
MESSAGE TYPE								3
IBI RESPONSE INDICATOR : ELEMENT IDENTIFIER								4
LENGTH INDICATOR								5
IBI RESPONSE INFORMATION								6~

Fig. 8d

7	6	5	4	3	2	1	0	Octet
MESSAGE TYPE								1
IBI RESPONSE INDICATOR : ELEMENT IDENTIFIER								2
LENGTH INDICATOR								3
IBI RESPONSE INFORMATION								4~

Fig. 9

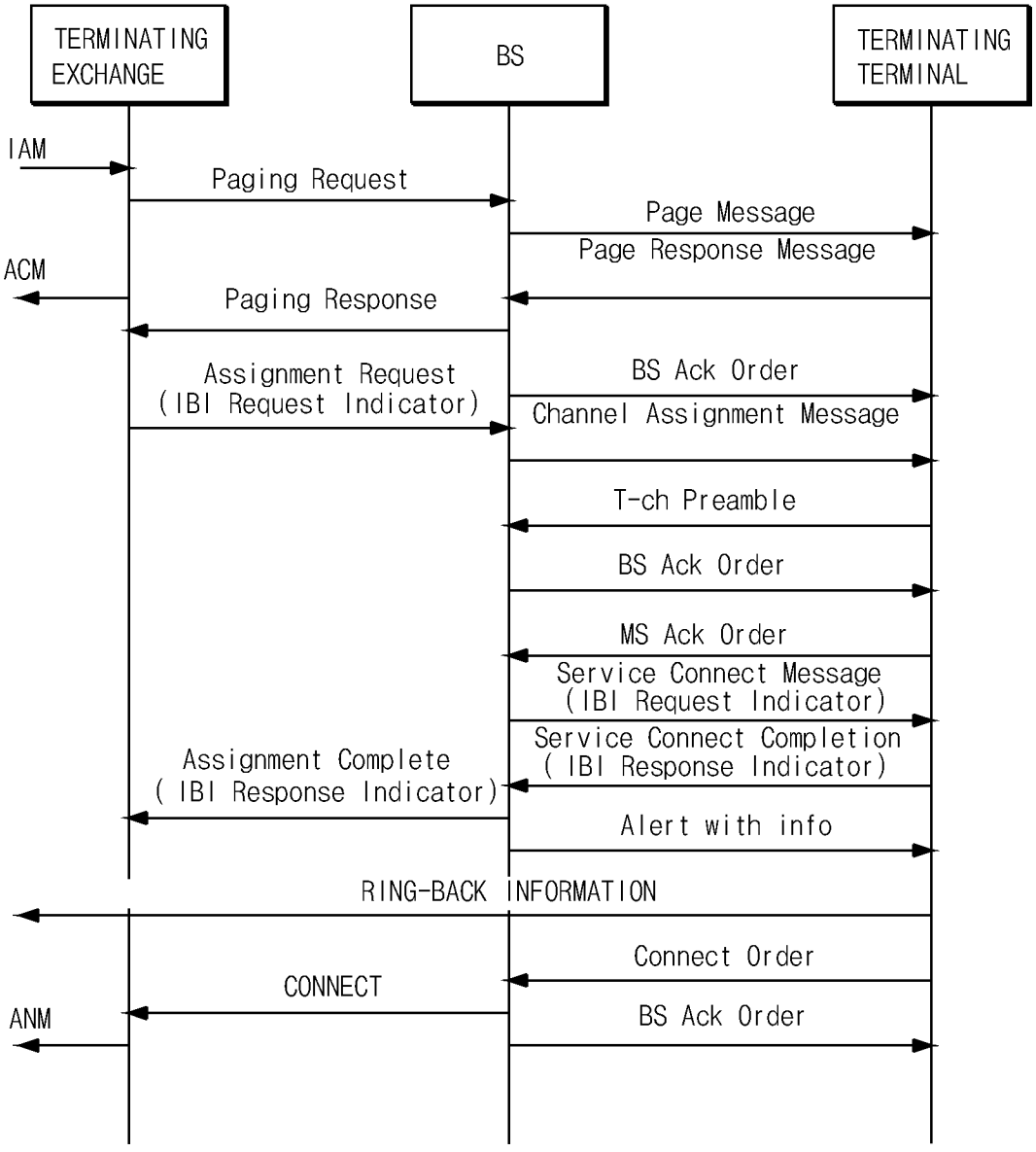

TERMINATING EXCHANGE
BS
TERMINATING TERMINAL
IAM
Paging Request
Page Message
Page Response Message
ACM
Paging Response
Assignment Request (IBI Request Indicator)
BS Ack Order
Channel Assignment Message
T-ch Preamble
BS Ack Order
MS Ack Order
Service Connect Message (IBI Request Indicator)
Service Connect Completion (IBI Response Indicator)
Assignment Complete (IBI Response Indicator)
Alert with info
RING-BACK INFORMATION
Connect Order
CONNECT
ANM
BS Ack Order

Fig. 10a

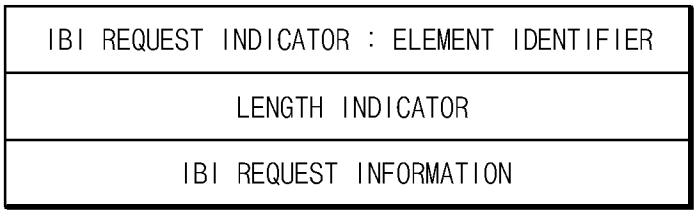

IBI REQUEST INDICATOR : ELEMENT IDENTIFIER
LENGTH INDICATOR
IBI REQUEST INFORMATION

Fig. 10b

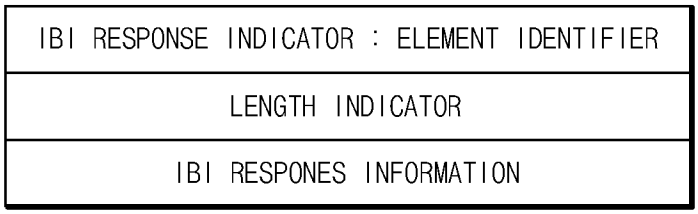
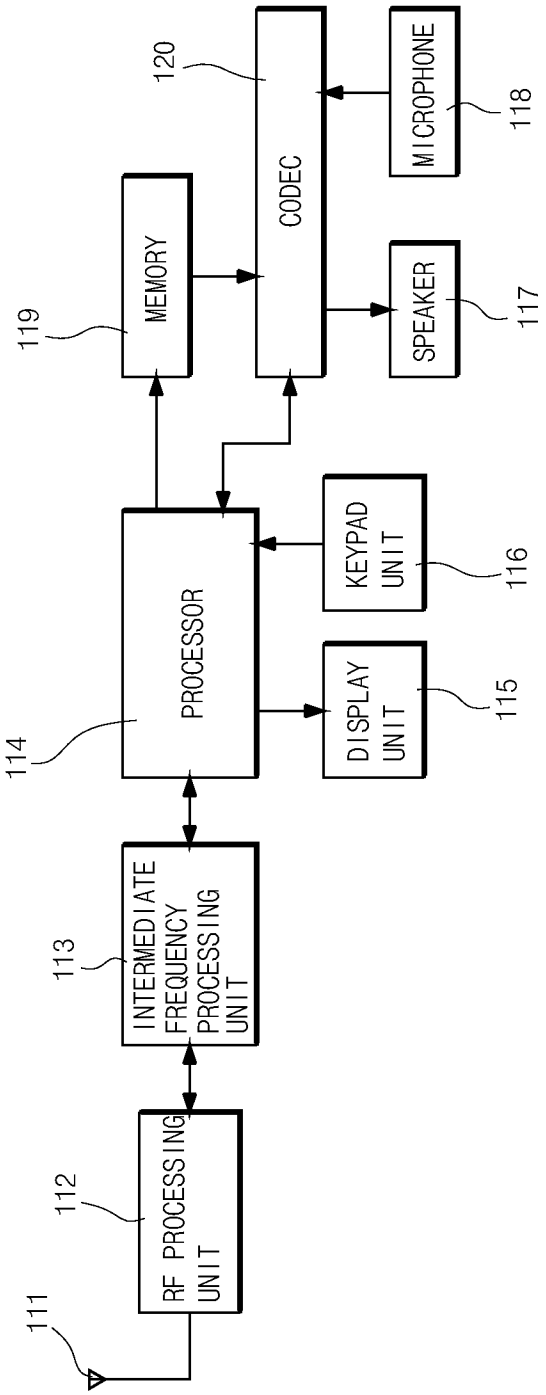

IBI RESPONSE INDICATOR : ELEMENT IDENTIFIER
LENGTH INDICATOR
IBI RESPONES INFORMATION

Fig. 11


111
RF PROCESSING UNIT
112
INTERMEDIATE FREQUENCY PROCESSING UNIT
113
PROCESSOR
114
DISPLAY UNIT
115
KEYPAD UNIT
116
SPEAKER
117
MICROPHONE
118
MEMORY
119
CODEC
120